

FIG. 1

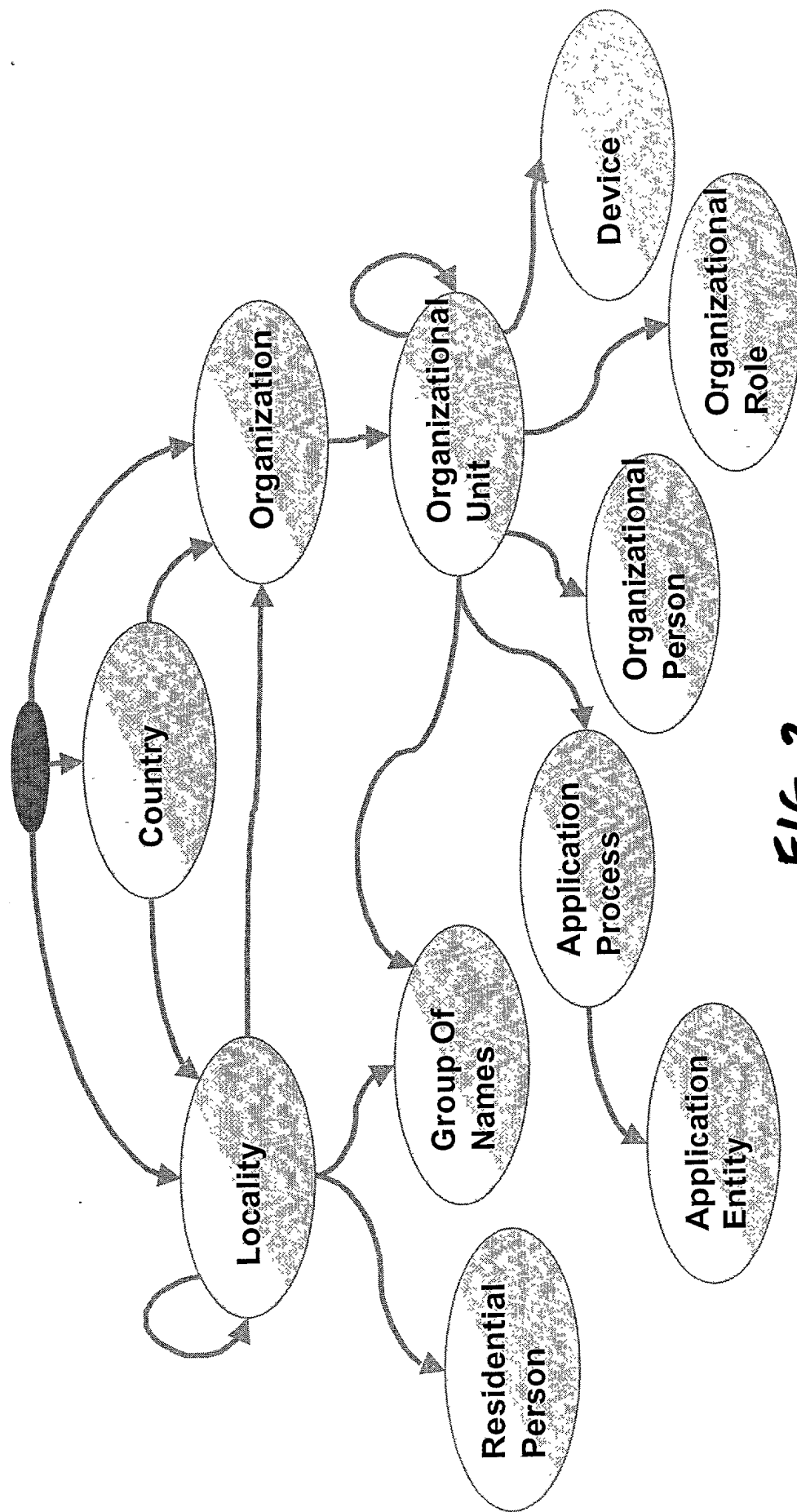


FIG. 2

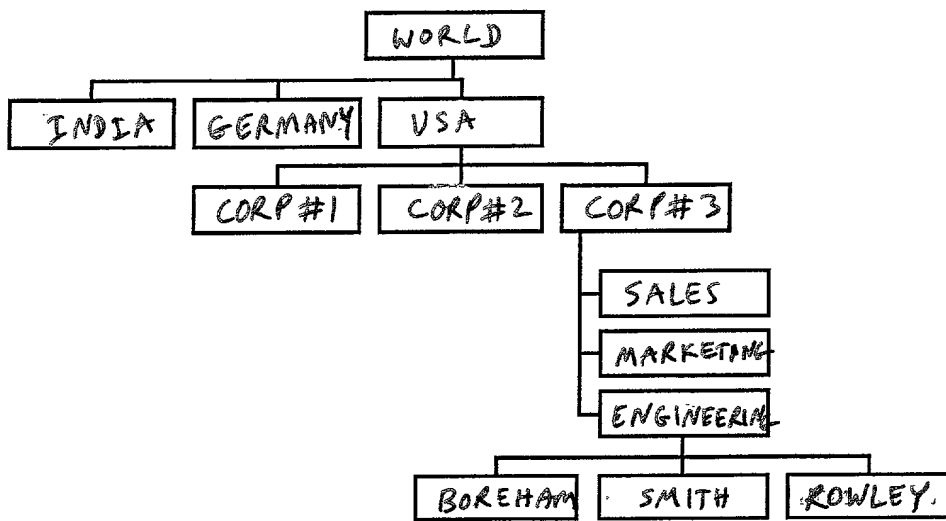
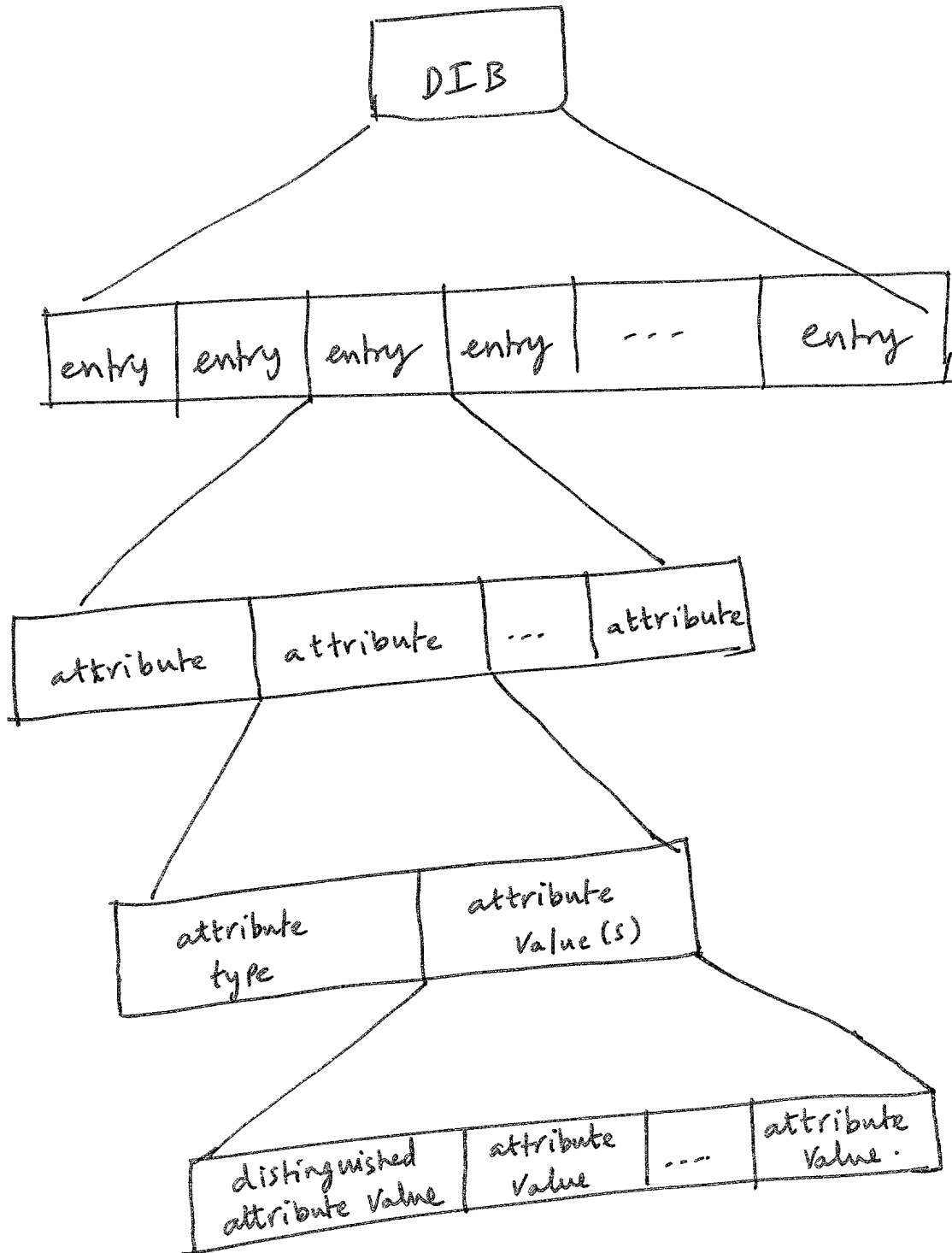


FIG. 3

FIG. 4



05867517.05867517

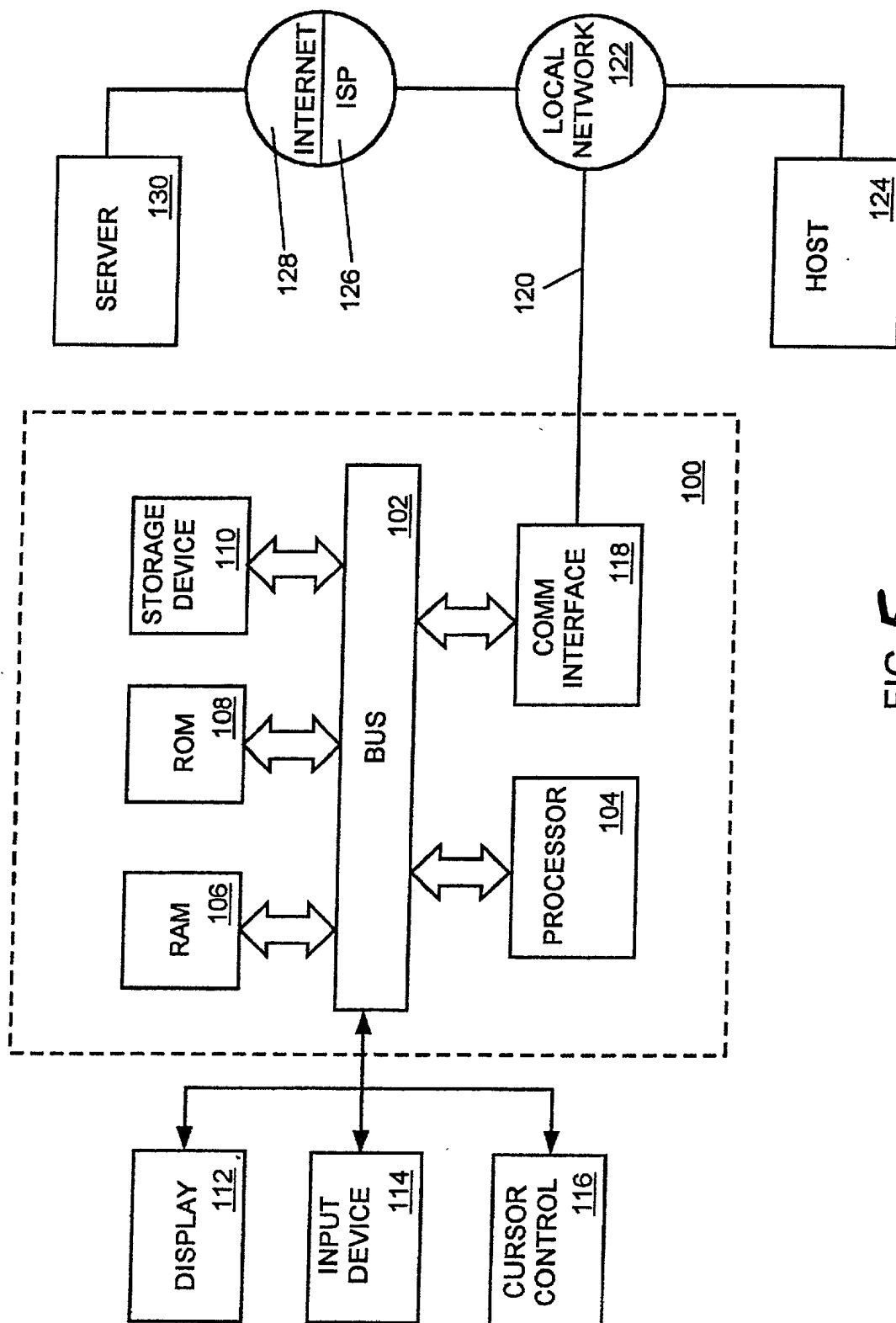


FIG. 5

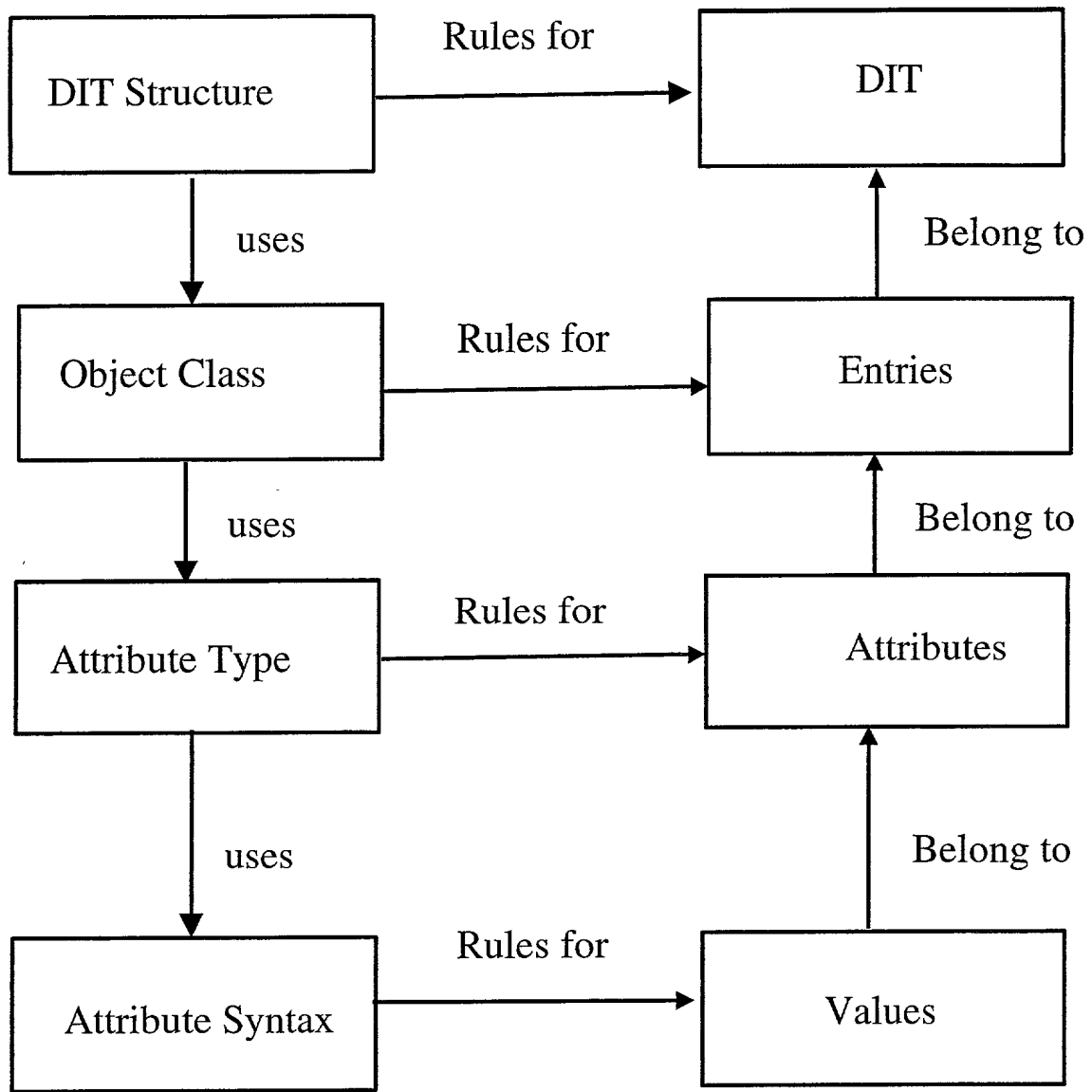


FIG. 6

dn: cn=managerrole, dc=dom, dc=ain  
objectclass: top  
objectclass: LDAPsubentry  
objectclass: nsRole  
objectclass: nsSimpleRole  
objectclass: nsManagedRole  
cn: managgerrole  
description: Manager Role within the Company

FIG. 7

dn: uid=pointyhair, ou=people, dc=dom, dc=ain

objectclass: top

objectclass: person

objectclass: inetorgperson

uid: pointyhair

gn: pointy

sn: hair

nsRoleDN: cn=managerrole, dc=dom, dc=ain

description: Pointy Haired Manager

FIG- 8



dn: cn= building12people, dc=dom, dc=ain  
objectclass: top  
objectclass: LDAPsubentry  
objectclass: nsRole  
objectclass: nsComplexRole  
objectclass: nsFilteredRole  
cn: building12people  
nsRoleFilter: building=12  
description: People who work in building 12

FIG. 9

098674-052901  
T06250"ZT54980

dn: cn=megamanagerrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsNestedRole

cn: megamanaggerrole

nsRoleDN: cn=managerrole, dc=dom, dc=ain

nsRoleDN: cn=networkmanager, dc=dom, dc=ain

description: Super Manager Role within the  
Company

FIG-10

dn: cn=peonrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsEnumeratedRole

objectclass: groupofuniqueNames

cn: peonrole

groupmember: uid=dboreham, ou=people, dc=dom, dc=ain

groupmember: uid=merrells, ou=people, dc=dom, dc=ain

groupmember: uid=claire, ou=people, dc=dom, dc=ain

description: Lowest of the Low Roles within the Company

FIG-11

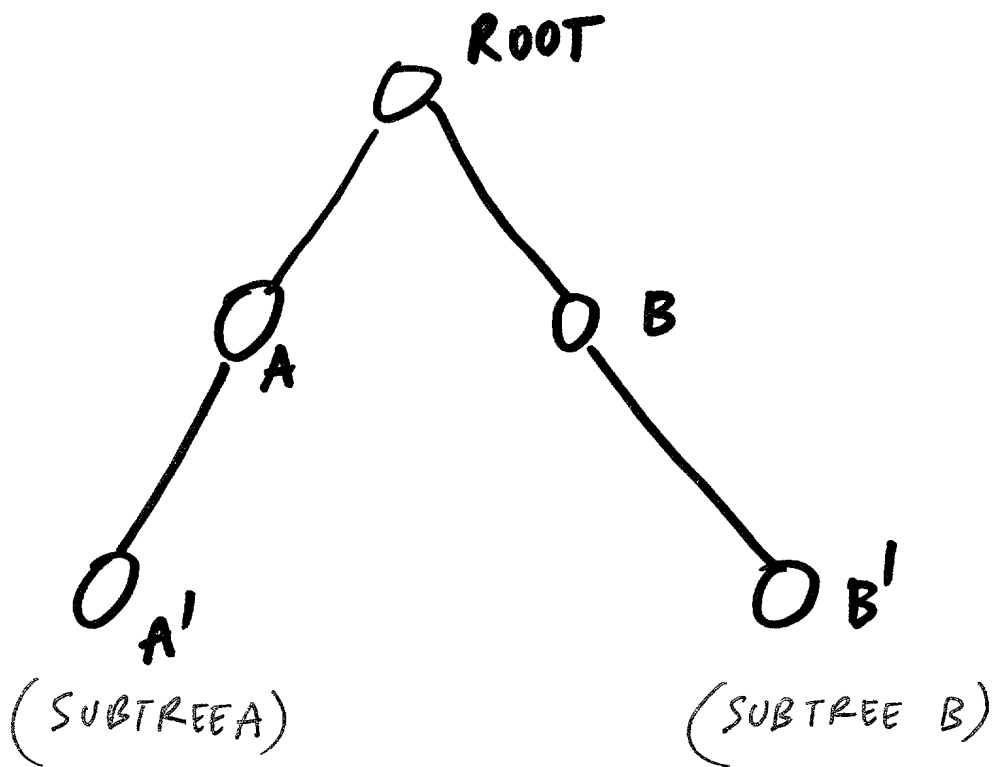


FIG. 12

For each entry within scope, the  
computed attribute nsRole is calculated

The computed attribute nsRole is  
examined to see if the role is present.

This results in a list of entries that  
possess the role.

The list is thereafter returned to a  
client.

**FIG. 13**

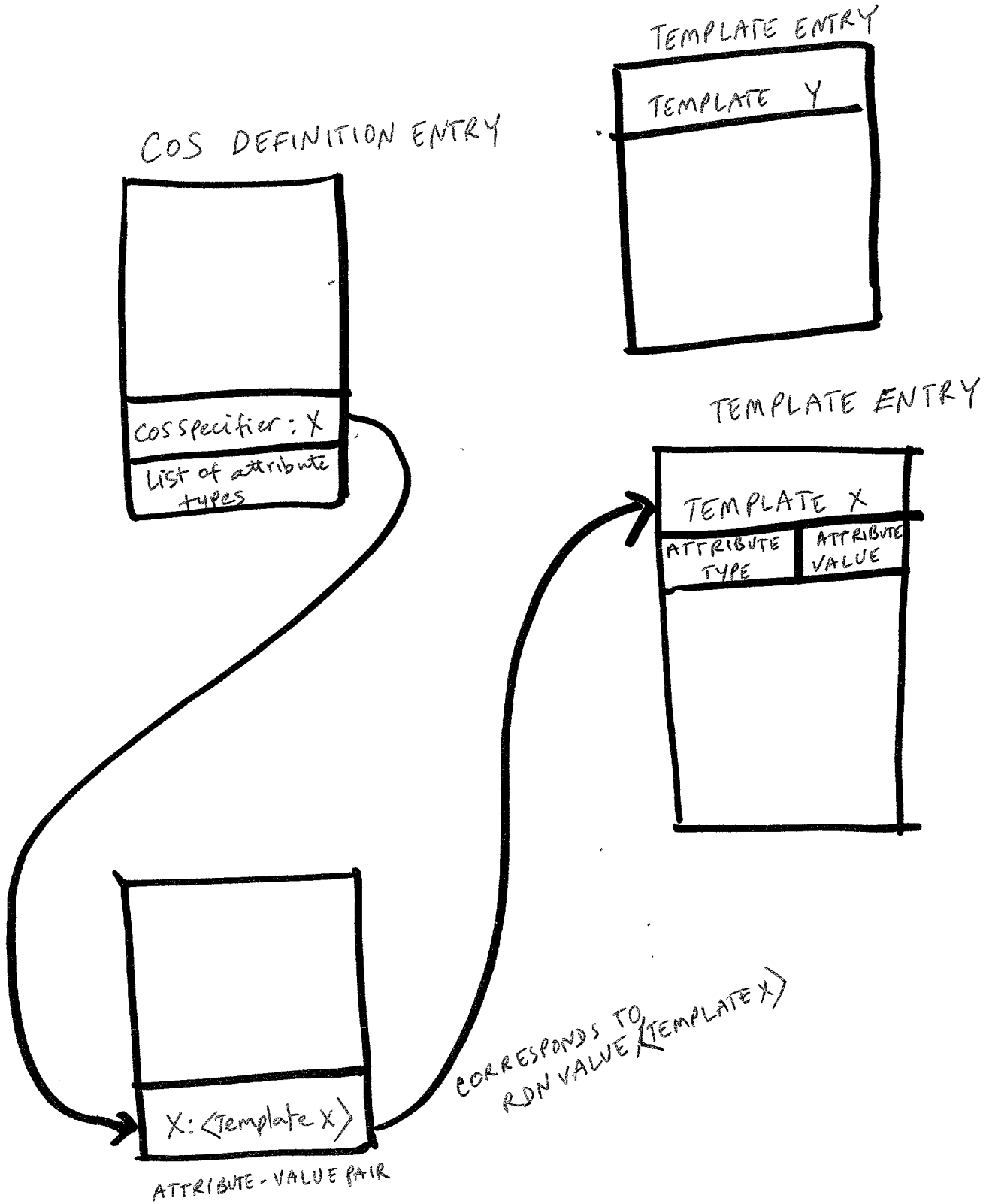


FIG. 14

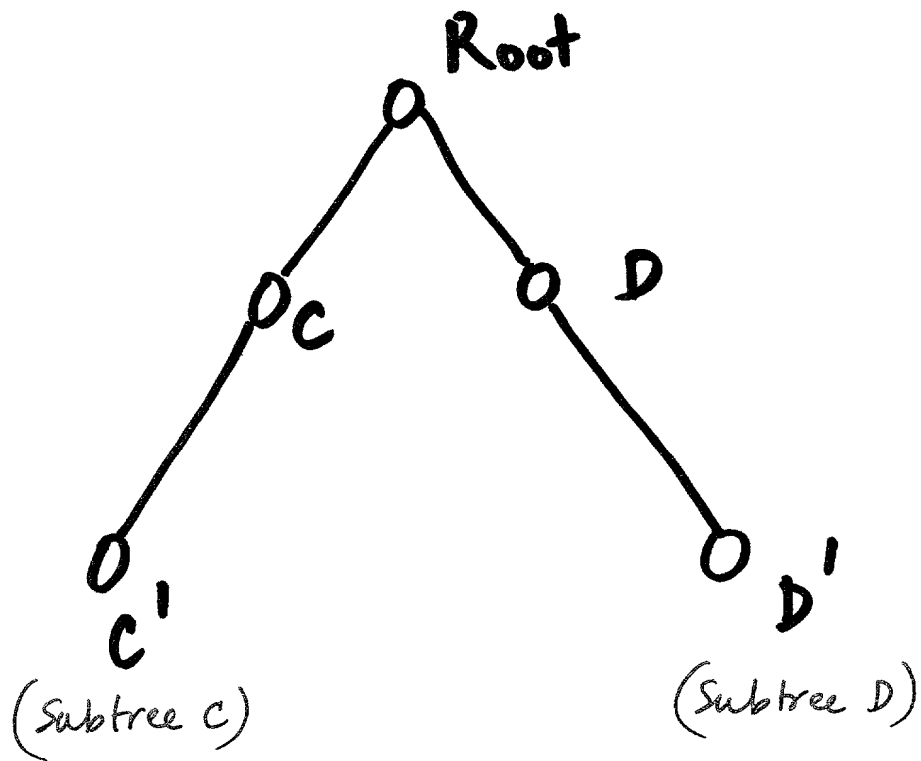


FIG. 15

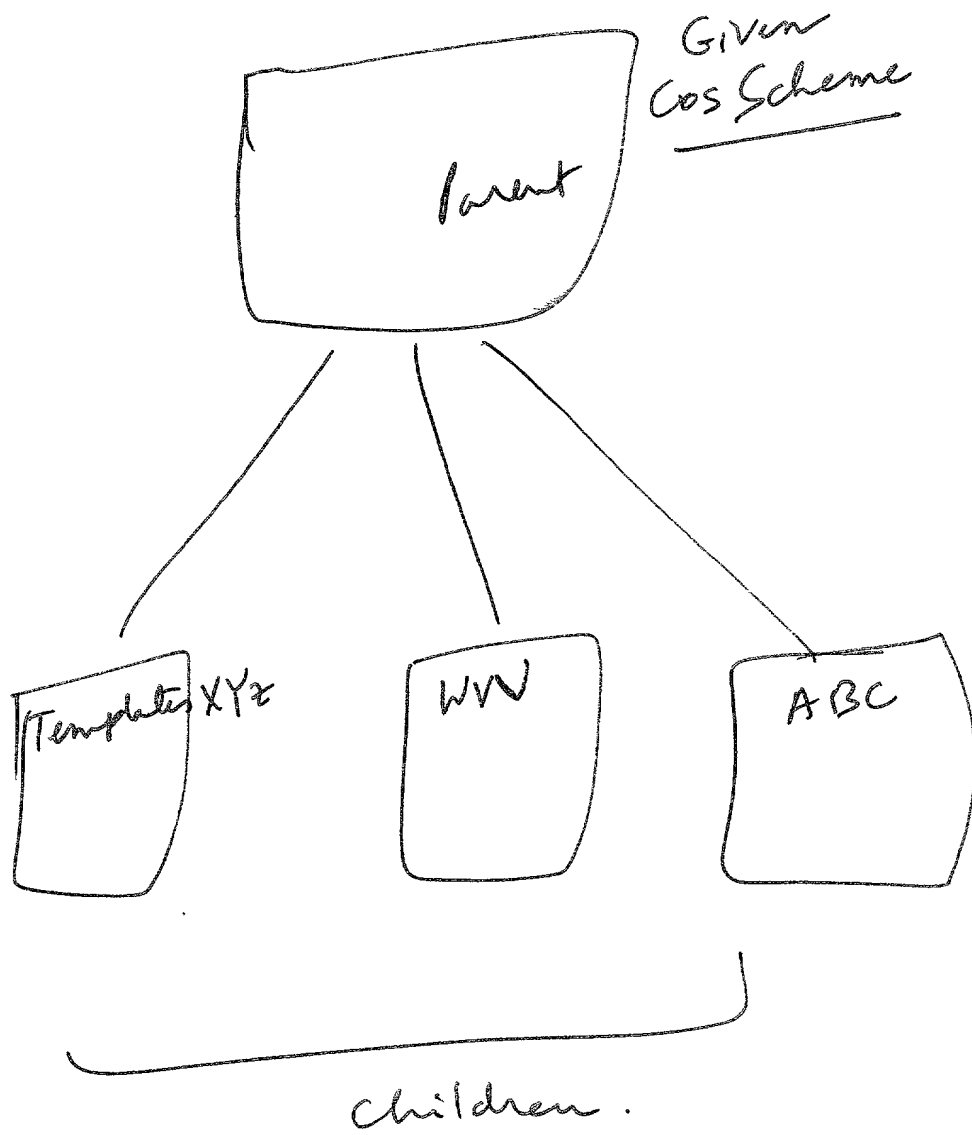


FIG-16



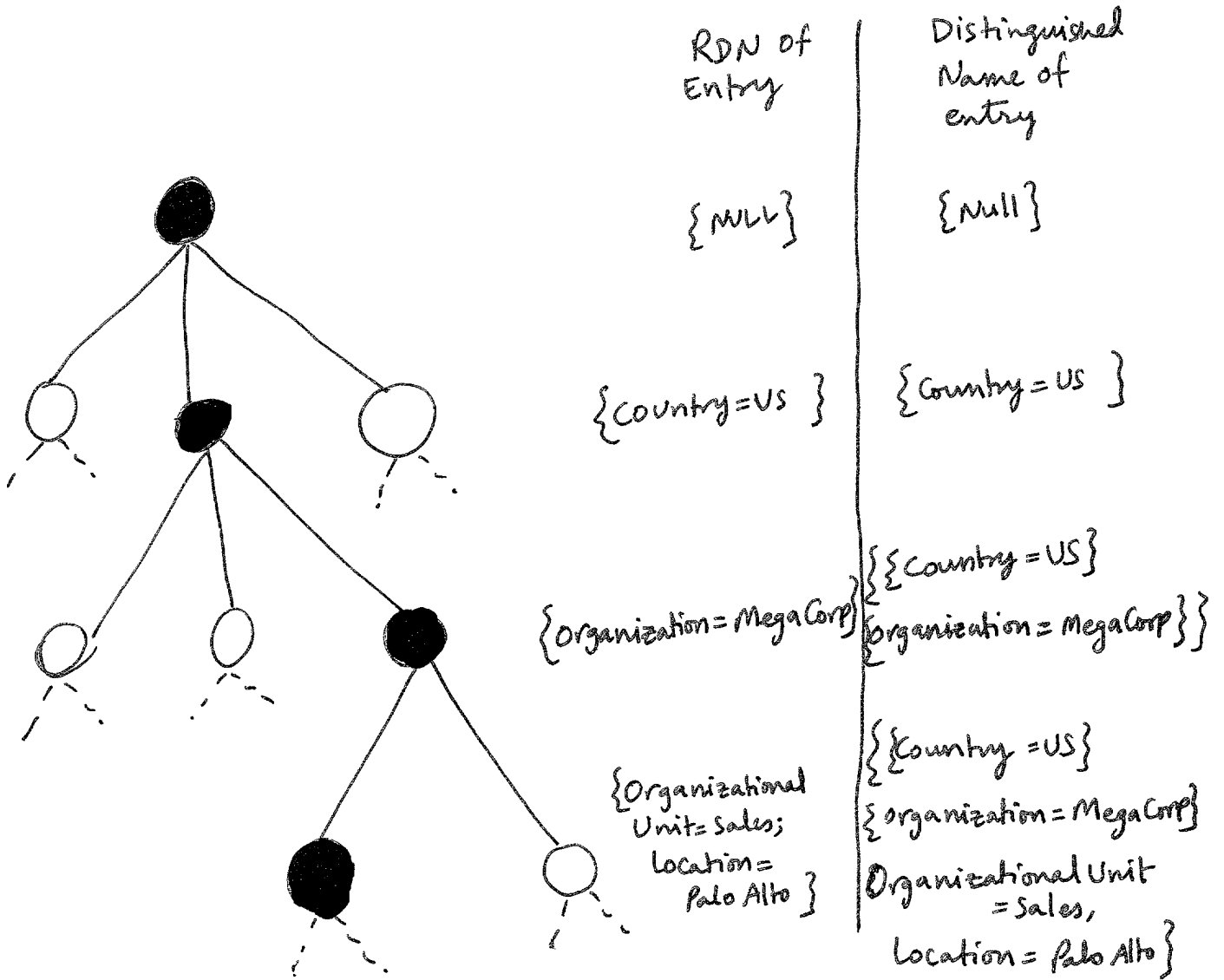


FIG 17

Dn:cn=messaging\_server\_cos, ou=people, o=acme

objectclass: top

objectclass: LDAPSubentry

objectclass: cosSuperDefinition

objectclass: cosClassicDefinition

cosTemplate

Dn: cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

cosSpecifier: mailServiceClass

cosAttribute: mailboxquota

cosAttribute: maysendexternalmail

FIG-18



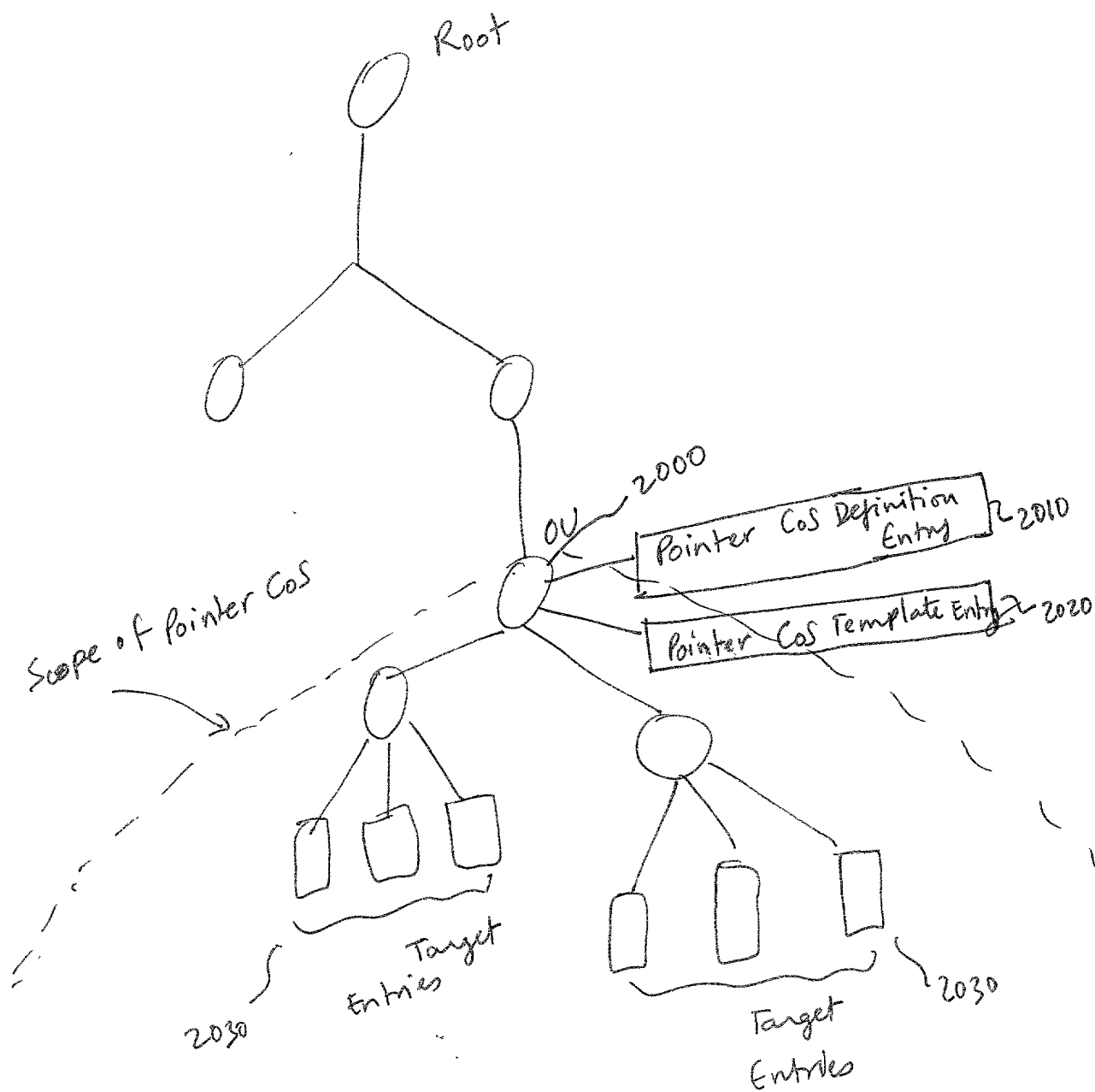


FIG. 20

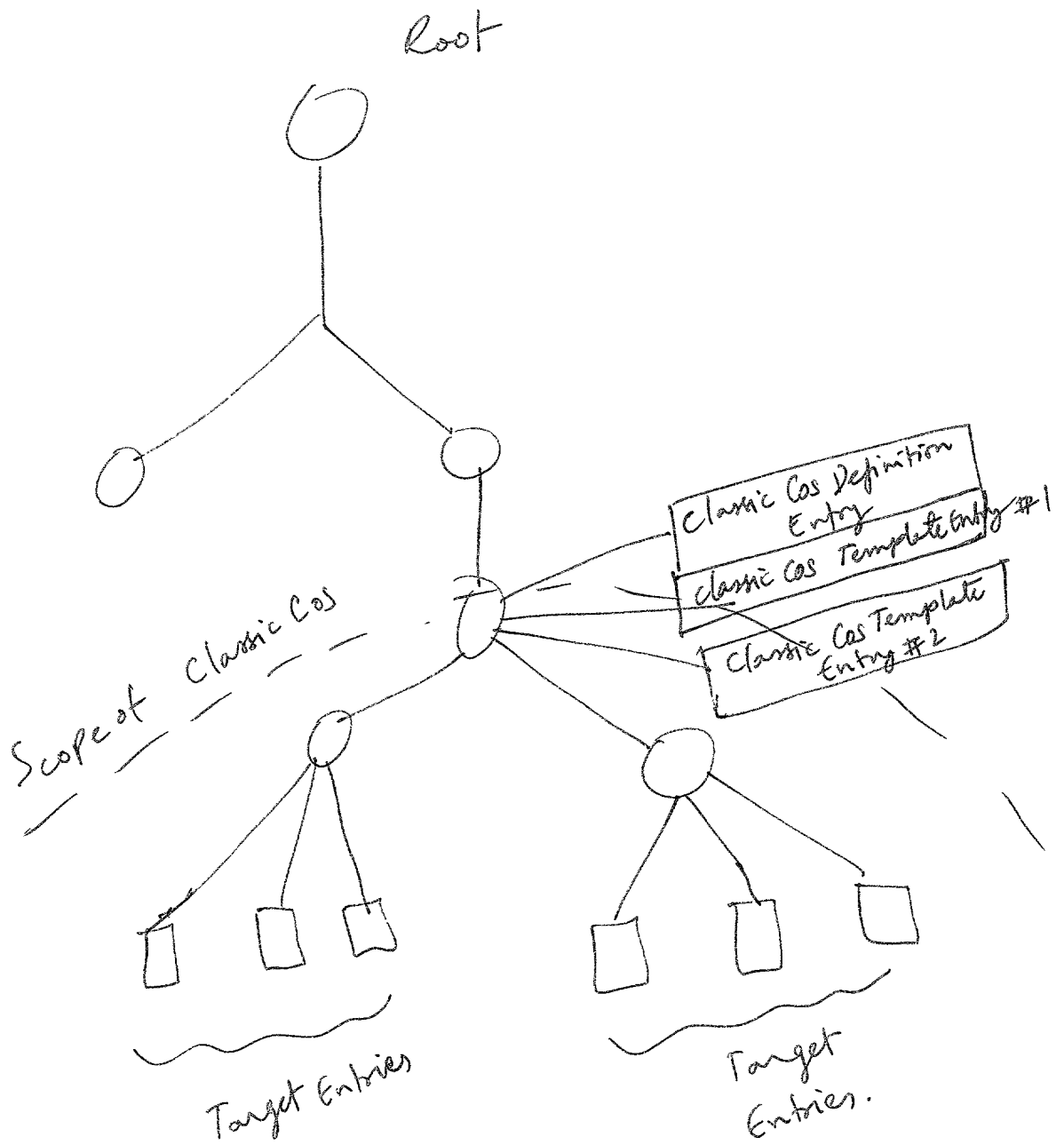


FIG. 21

dn: cn=messaging\_server\_cos, ou=people, o=acme  
objectclass: top  
objectclass: LDAPSubentry  
objectclass: cosSuperDefinition  
objectclass: cosPointerDefinition  
cosTemplateDn: ou=people, o=acme  
cosAttribute: facsimilieTelephoneNumber default

FIG. 22

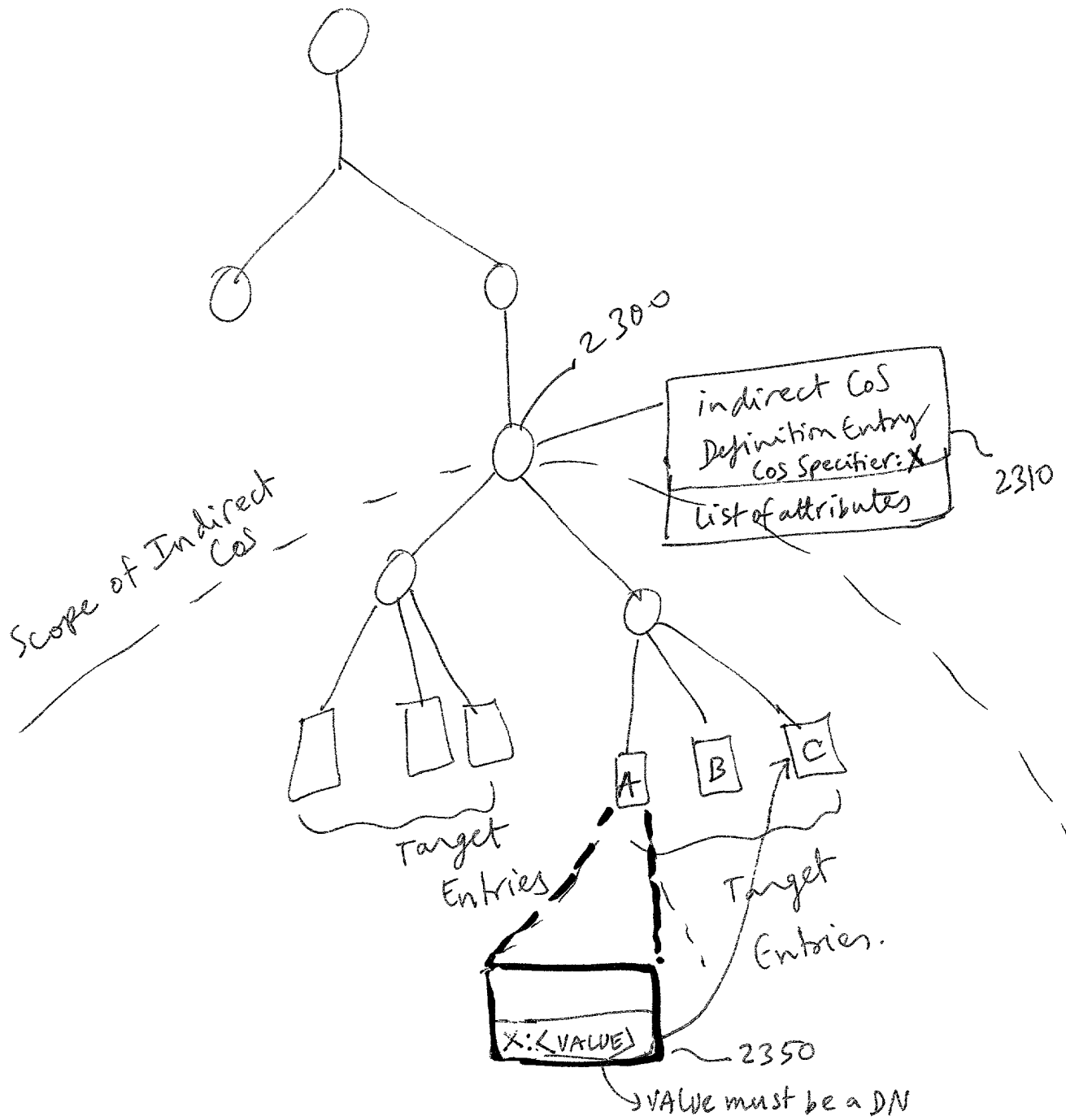


FIG-23

dn: cn=messaging\_server\_cos, ou=people, o=acme  
objectclass: top  
objectclass: LDAPSubentry  
objectclass: cosSuperDefinition  
objectclass: cosIndirectDefinition  
cosIndirectSpecifier: manager  
cosAttribute: accountingCode

FIG-24